Application No.: 10/053,253 in the state of the state of



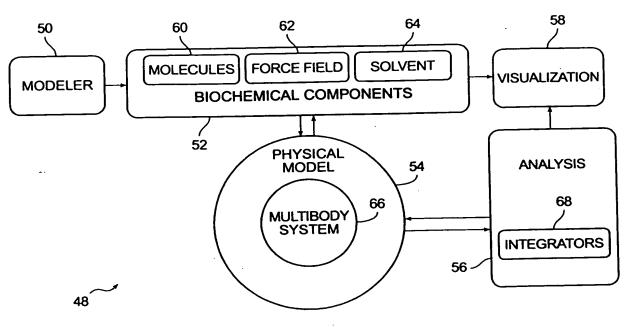


FIG. 1

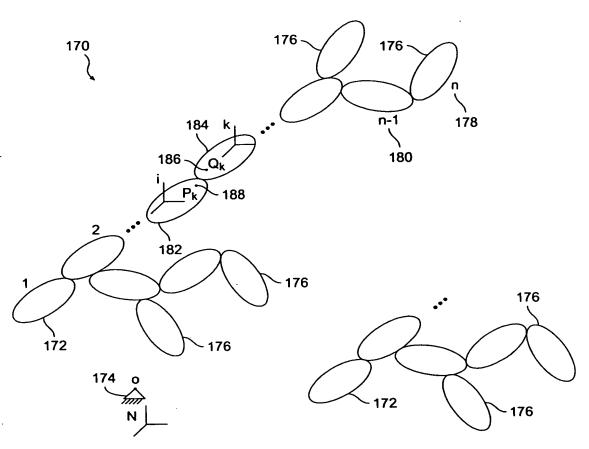


FIG. 2

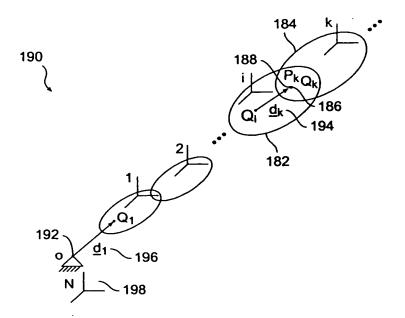


FIG. 3

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Applicant: Sherman et al.

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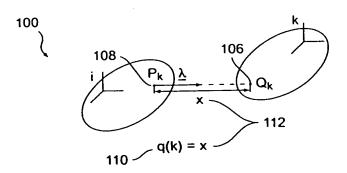


FIG. 4A

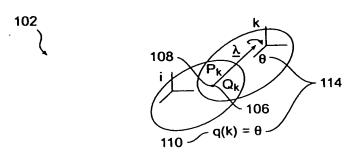


FIG. 4B

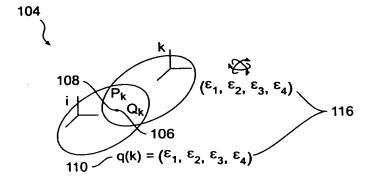
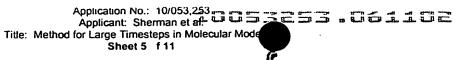
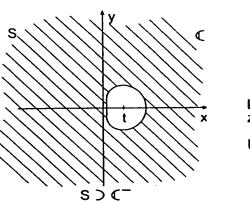


FIG. 4C



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IMPLICIT EULER

$$R(z) = \frac{1}{1-z}$$

 $\lim_{z\to\infty} R(z) = 0$

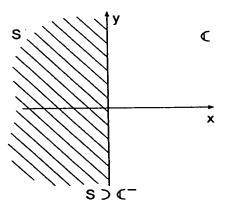
L-STABLE

A-STABLE

FIG. 5A



$$R(z) = \frac{1+z/2}{1-z/2}$$



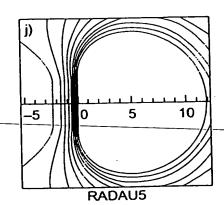
 $\lim R(z) \neq 0$ z→∞

NOT L-STABLE

A-STABLE

FIG. 5B

$$R(z) = \frac{1 + 2z/5 + z^2/20}{1 - 3z/5 + 3z^2/20 - z^3/60}$$



 $\lim R(z) = 0$ z→∞

L-STABLE

FIG. 5C

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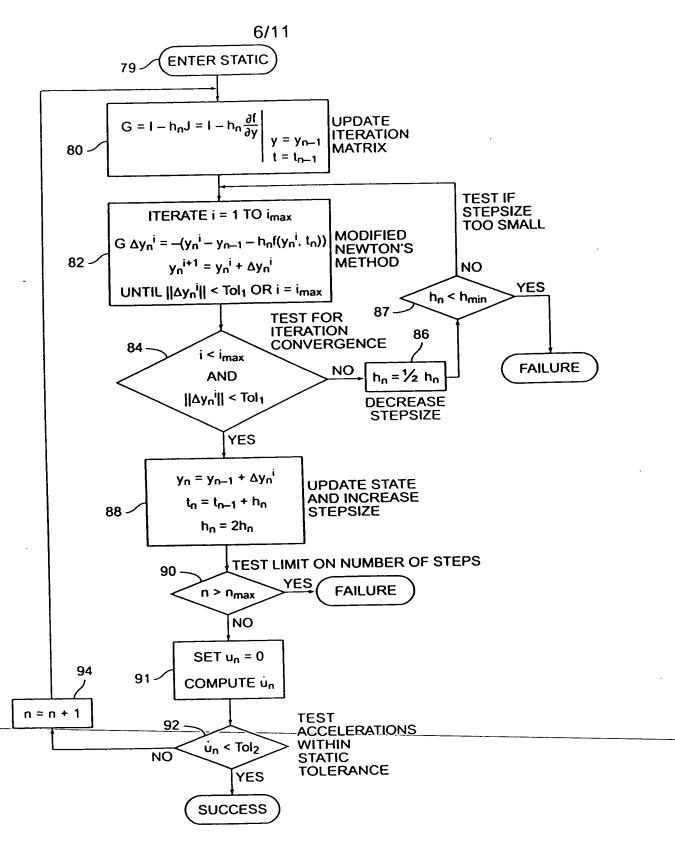


FIG. 6

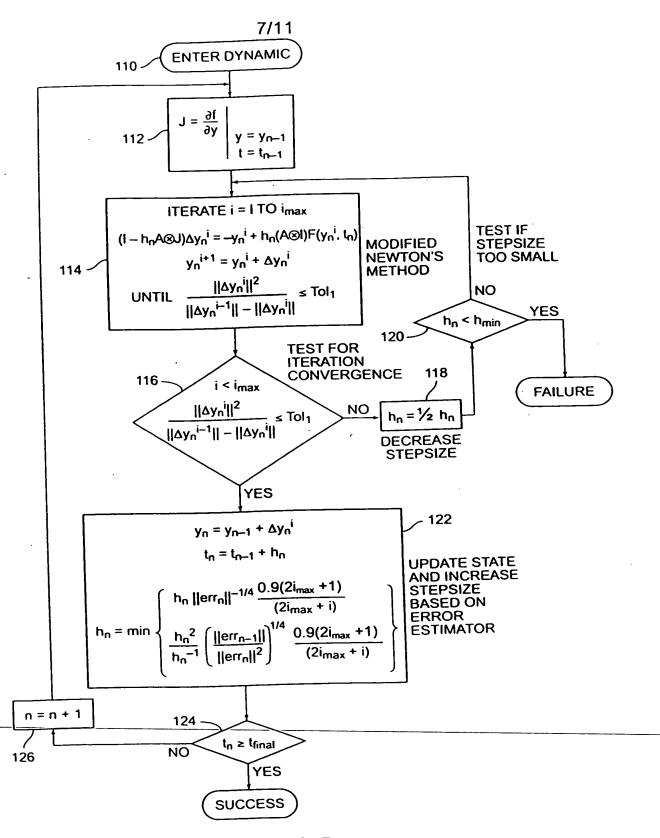


FIG. 7

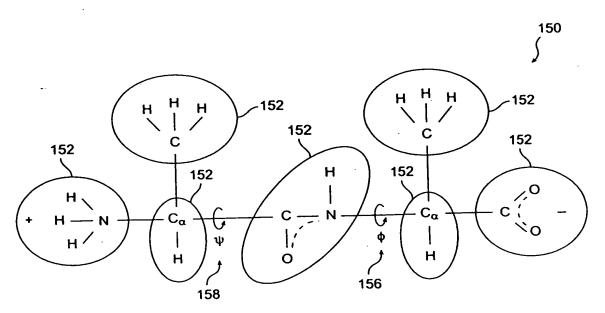


FIG. 8

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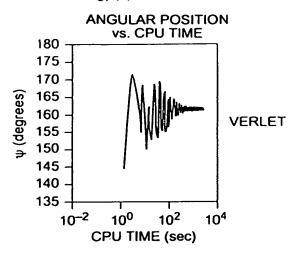


FIG. 9A

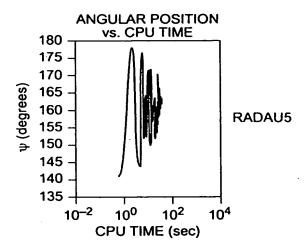


FIG. 9B

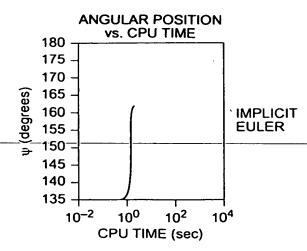


FIG. 9C

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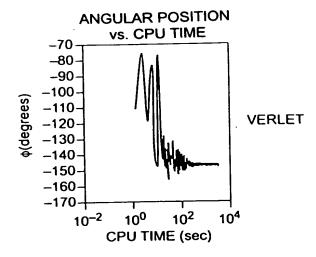


FIG. 9D

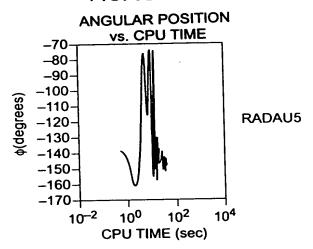


FIG. 9E

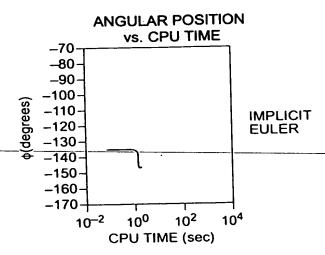


FIG. 9F

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